

AMENDMENTS TO CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A ~~CD-ROM drive capable of~~ structure for rapidly detaching ~~and or~~ installing a CD-ROM drive from or to a case of a computer, comprising:

a frame received in a slot of the case of the computer comprising a side opening and an interior cavity in communication with the opening so that the CD-ROM drive can be mounted in the cavity through the opening, and a latch that is matingly coupled with an interior slit provided on the case of the computer for securing the frame to the case or that is disengaged from the latch for detaching the frame from the case;

an elongated fastening assembly at a side of the cavity, the fastening assembly comprising an elongated sliding member and an elongated fastening member,

wherein a movement of the sliding member toward or away from the side opening causes the fastening member to move toward or away from the CD-ROM drive for either securing the fastening member to the CD-ROM drive or disengaging the fastening member from the CD-ROM drive.

2. (Canceled)

3. (Currently Amended) The ~~CD-ROM drive~~ structure of claim 1, wherein the fastening assembly further comprises an engagement section ~~on a bottom, the engagement section~~ including a central vertical groove provided at a central position thereof parallel to a side wall of the cavity, a first opening through the frame and in a center of the vertical groove, and an upright latch arm at either side of the first opening, the latch arms being parallel to the vertical groove; and a respective groove section adjacent either side of the engagement section, the respective groove

~~section~~sections including two parallel, transverse grooves at both sides of either groove section, the transverse grooves being perpendicular to the vertical groove, and a substantially elliptical limiting slot in a center of either groove section, the limiting slot being proximate and aligned with the vertical groove and the transverse groove being perpendicular to the vertical groove.

4. (Currently Amended) The ~~CD-ROM drive structure~~ of claim 3, wherein the sliding member comprises a sliding piece on an underside, a finger tab on the sliding piece, and a cylindrical projection at either end distal from the sliding piece so that the sliding piece is fitted in the vertical groove when the sliding member is fastened in the engagement section by the latch arms, the finger tab is projected from the frame by passing the first opening, and the cylindrical projections are defined by the limiting slots.

5. (Currently Amended) The ~~CD-ROM drive structure~~ of claim 3, wherein the fastening member comprises a trough, a guide proximate either end, a rail at either end, a slanted slot on either guide, an abutment surface projected from either guide, the abutment surfaces being parallel to the trough, and at least one peg protruded from either abutment surface so that the slanted slots and the limiting slots are partially overlapped when the rails are fitted in the transverse grooves because the slanted slot is disposed at an angle about the limiting slot.

6. (Currently Amended) The ~~CD-ROM drive structure~~ of claim 5, wherein the CD-ROM drive comprises at least one first hole on a side wall thereof, the first hole being adapted to receive the peg for fastening the CD-ROM drive in the frame.

7. (Currently Amended) The ~~CD-ROM drive structure~~ of claim 1, wherein the frame further comprises at least one protuberance on a side wall opposite the fastening assembly, and the CD-ROM drive further comprises at least one second hole on a side, the second hole being adapted to receive the protuberance.

Serial Number 10/644,832

8. (Currently Amended) The ~~CD-ROM drive~~ structure of claim 1, wherein the computer is a notebook computer.

9. (Currently Amended) The ~~CD-ROM drive~~ structure of claim 1, wherein the frame further comprises a plurality of parallel ribs on the bottom for strengthening the frame.

10. (Currently Amended) The ~~CD-ROM drive~~ structure of claim ~~1~~ 4, further comprising two ridges in the vertical groove adjacent both ends of the first opening, and two slots on both ends of the sliding piece, the slots being adapted to receive the ridges.